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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hsu et al.

Application No. 10/622,284

Filed: July 18, 2003

Confirmation No. 4607

For: INTRAFRAME AND INTERFRAME
INTERLACE CODING AND DECODING

Examiner: Jayesh A. Patel

Art Unit: 2624

Attorney Reference No. 3382-66128-01

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Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS.


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Respectfully submitted,

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**INFORMATION DISCLOSURE STATEMENT
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Filing Date	July 18, 2003
First Named Inventor	Hsu
Art Unit	2624
Examiner Name	Jayesh A. Patel

U.S. PATENT DOCUMENTS

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Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		4,454,546	12-Jun-84	Mori
		4,691,329	1-Sep-87	Juri et al.
		4,796,087	3-Jan-89	Guichard et al.
		4,800,432	24-Jan-89	Barnett et al.
		4,849,812	18-Jul-89	Borgers et al.
		5,021,879	4-Jun-91	Vogel
		5,068,724	26-Nov-91	Krause et al.
		5,091,782	25-Feb-92	Krause et al.
		5,157,490	20-Oct-92	Kawai et al.
		5,258,836	2-Nov-93	Murata
		5,422,676	6-Jun-95	Herpel et al.
		5,448,297	5-Sep-95	Alattar et al.
		5,461,421	24-Oct-95	Moon
		5,467,086	14-Nov-95	Jeong
		5,510,840	23-Apr-96	Yonemitsu et al.
		5,539,466	23-Jul-96	Igarashi et al.
		5,544,286	6-Aug-96	Laney

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		5,552,832	3-Sep-96	Astle
		5,666,461	9-Sep-97	Igarashi et al.
		5,668,932	16-Sep-97	Laney
		5,673,370	30-Sep-97	Laney
		5,748,789	5-May-98	Lee et al.
		5,764,814	9-Jun-98	Chen et al.
		5,946,043	31-Aug-99	Lee et al.
		5,946,419	31-Aug-99	Chen et al.
		5,982,437	9-Nov-99	Okazaki et al.
		6,154,495	28-Nov-00	Yamaguchi et al.
		6,208,761	27-Mar-01	Passagio et al.
		6,259,810	10-Jul-01	Gill et al.
		6,275,531	14-Aug-01	Li
		6,292,585	18-Sep-01	Yamaguchi et al.
		6,304,928	16-Oct-01	Mairs et al.
		6,496,601	12/17/2002	Migdal et al.
		6,563,953	13-May-03	Lin et al.

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		6,573,905	3-Jun-03	MacInnis et al.
		60/488,710	18-Jul-03	Srinivasan et al.
		20020168066	14-Nov-02	Li
		20030113026	19-Jun-03	Srinivasan et al.
		20040042549	4-Mar-04	Huang et al.
		20040136457	15-Jul-04	Funnell et al.
		20050053156	3/10/2005	Lin et al.

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		Europe	EP 0 279 053	24-Aug-88	ANT Nachrichtentechnik
		Europe	EP 0 830 029	18-Mar-98	Bosch
		Japan	JP 61205086 (abstract)	11-Sep-86	Mitsubishi Electric
		Japan	JP 3001688 (abstract)	8-Jan-91	Nippon Telegraph & Telephone
		Japan	JP 6078295 (abstract)	18-Mar-94	Mitsubishi Electric
		Japan	JP 7274171 (abstract)	20-Oct-95	Sharp

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		Japan	JP 6292188 (abstract)	18-Oct-04	Matsushita Electric
		Korea	KR 1003538510000 (abstract)	17-Jan-02	Elec. & Telecomm. Research Institute

OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	
		Hsu et al., "A Low Bit-Rate Video Codec Based on Two-Dimensional Mesh Motion Compensation with Adaptive Interpolation," IEEE, Transactions on Circuits and Systems for Video Technology, Vol. II, No. 1, pp. 111-117 (January 2001).
		ISO/IEC, "Coding of Moving Pictures and Associated Audio Information," JTCL/SC29/WG11, MPEG-4 Video Verification Model (February 1998).
		"ITU-T Recommendation T.6: Facsimile Coding Schemes and Coding Control Functions for Group 4 Facsimile Apparatus," Facicle VII.3 of the Blue Book, (1988).
		Sjoberg et al., "Run-length Coding of Skipped Macroblocks," ITU-T SG16/Q.6 VCEG-M57, pp. 1-5 (April 2001)

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